PUB-NO:

DE019521098A1

DOCUMENT-IDENTIFIER: DE 19521098 A1

TITLE:

Roof tile with photoelectric cells or solar tile

PUBN-DATE:

December 12, 1996

INVENTOR-INFORMATION:

NAME

COUNTRY

BONN, WILFRIED DE

ASSIGNEE-INFORMATION:

NAME

COUNTRY

BONN WILFRIED DE

APPL-NO: DE19521098

APPL-DATE: June 9, 1995

PRIORITY-DATA: DE19521098A (June 9, 1995)

INT-CL (IPC): E04D013/18, H01L031/042

EUR-CL (EPC): H01L031/048, H01L031/048, H01L031/042

ABSTRACT:

CHG DATE=19990617 STATUS=O>The solar tile consists of photoelectric cells (1), surrounded by a frame (2) with two hollow profiled sections (3) supporting the length of the tile and acting as spacers. The solar tile lies with these profiled sections placed directly and loosely on the roof battens, but held by the hooks (8). The solar tiles are placed side by side and overlap at the side edges (4), and the edges on the left have vertical walls pointing upwards, while those on the right have vertical walls pointing downwards, parallel to the edge and forming channels so that adjacent tiles can locate in

6/26/2007, EAST Version: 2.1.0.14

one another on both sides. The top edges (5) are blocked off to stop water running down them.

6/26/2007, EAST Version: 2.1.0.14